

National Aeronautics and
Space Administration



Innovation & Opportunity

VIRTUAL CONFERENCE

Propelling your business. Transitioning your technology.

October 20–22, 2020



NASA SBIR/STTR Civilian Commercialization Readiness Pilot Program (CCRPP) Overview

Matthew Deans, Ph.D.

NASA SBIR/STTR Post Phase II Workstream Lead



MISSION

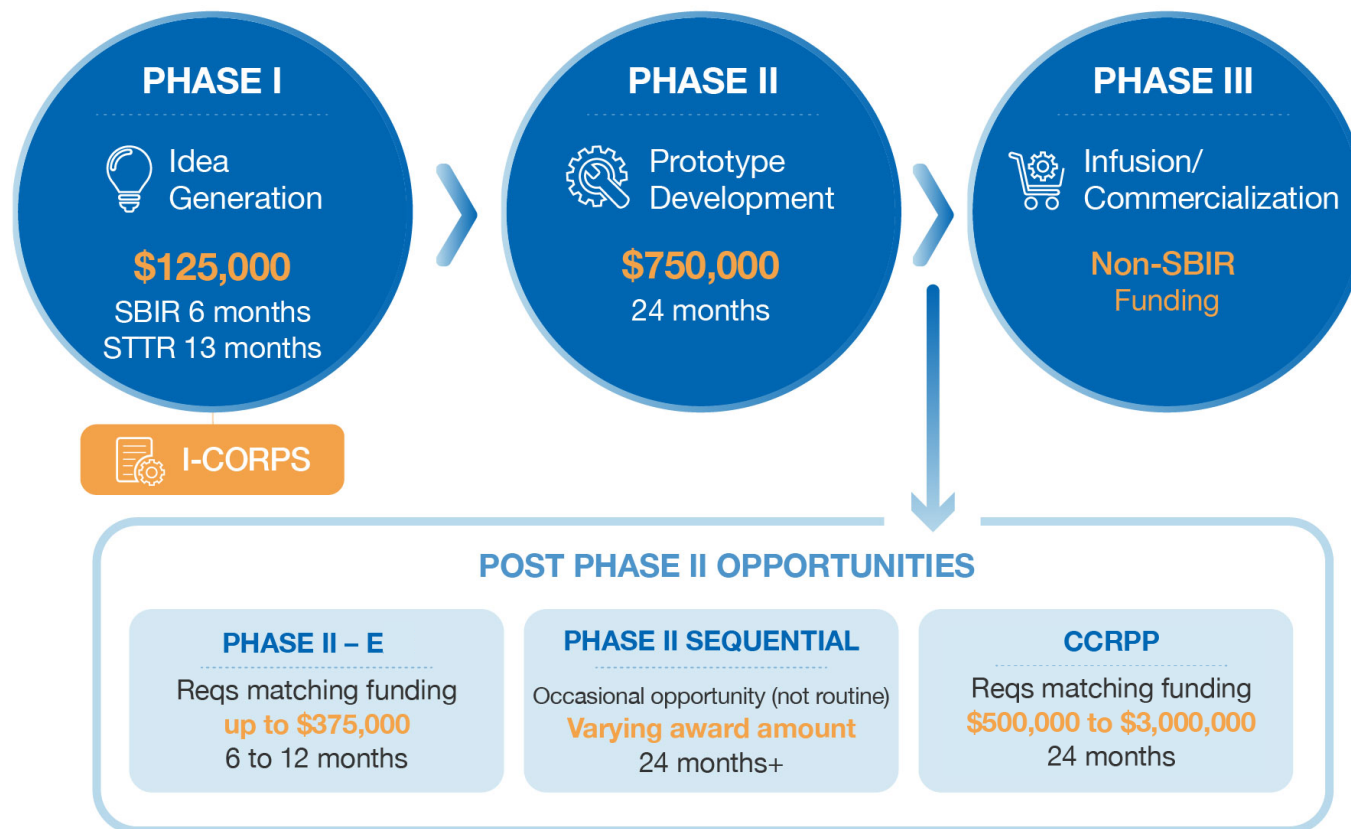
Create opportunities through SBIR/STTR awards to leverage small business knowledge and technology development for maximum impact and contribution



VISION

Empower small businesses to deliver technological innovation that contributes to NASA's missions, provides societal benefit, and grows the U.S. economy

NASA SBIR/STTR Opportunities



NASA SBIR/STTR Post Phase II Purpose



Transition

Maturation

Infusion & Commercialization

Acceleration

Program Website | sbir.nasa.gov



The screenshot shows the SBIR/STTR website interface. The header includes the NASA logo, the text "SBIR · STTR America's Seed Fund™ POWERED BY NASA", a search bar, and a navigation menu with links for Site, Solicitations, and Awards. The main navigation bar contains links for HOME, ABOUT SBIR/STTR, SOLICITATIONS, SCHEDULE & AWARDS, HANDBOOKS, RESOURCES, and CONTACT US. The ABOUT SBIR/STTR dropdown menu is open, showing links such as SBIR/STTR Basics, Post Phase II Initiatives, I-Corps, Interactive Participation Guide, 2021 PI Program Authorization, NASA SBIR/STTR Program Definitions, Procurement Information, Additional Sources of Assistance, Q's, and R/STTR Program Information Request. The Post Phase II Initiatives link is highlighted with a red box. A callout box points to this link, stating "Viewing Open and Forthcoming Opportunities See the various Post Phase II mechanisms, rules, and application requirements". Another callout box points to the SCHEDULE & AWARDS link, stating "Award Search Search our past portfolio of Phase II awards, including contact information". A large blue banner on the right side of the page reads "NASA SBIR/STTR PROGRAM 2021 PHASE I SOLICITATION OPENING SOON" with a calendar icon and the dates "November 9, 2020 - January 8, 2021".

Viewing Open and Forthcoming Opportunities
See the various Post Phase II mechanisms, rules, and application requirements

Award Search
Search our past portfolio of Phase II awards, including contact information

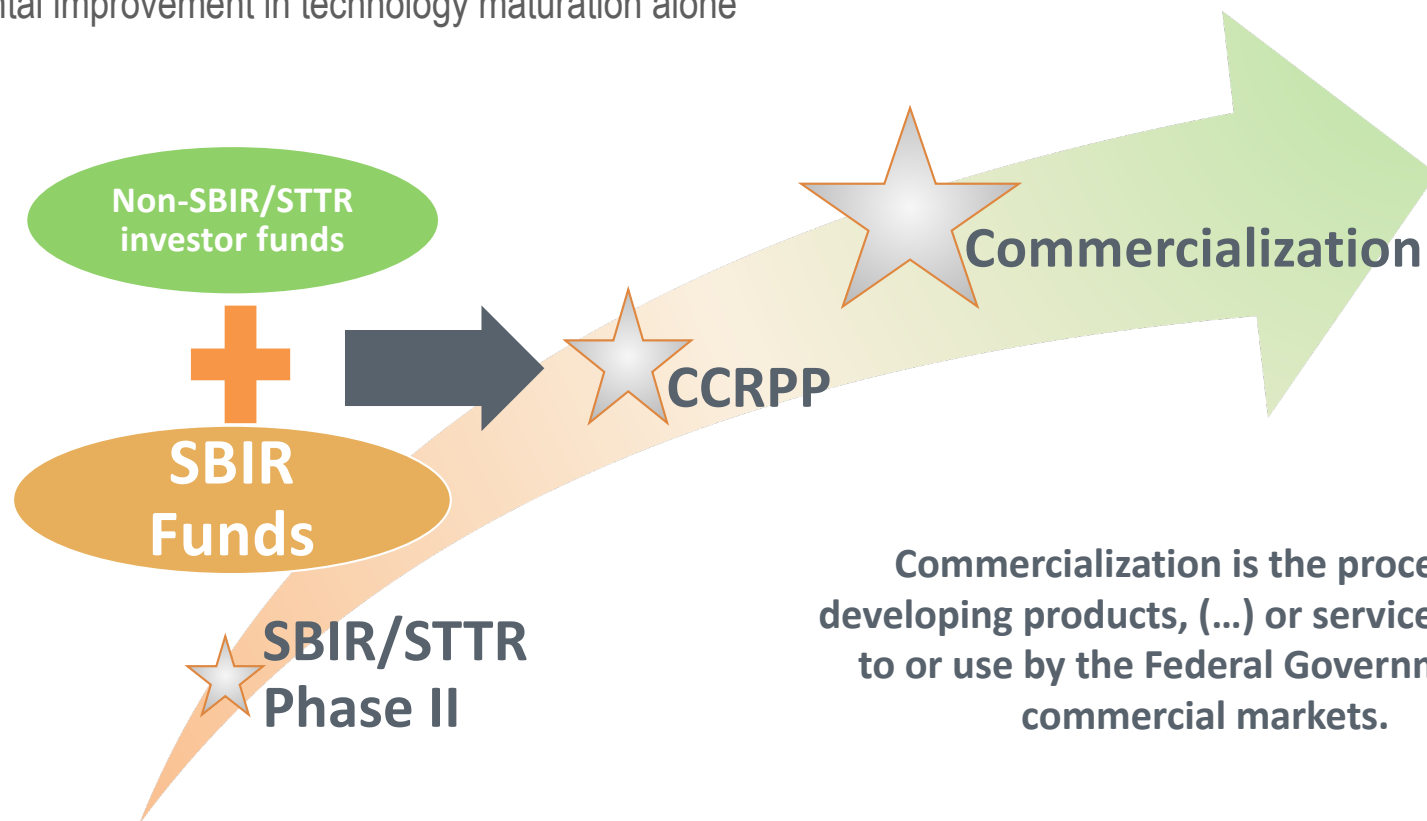
NASA SBIR/STTR PROGRAM 2021 PHASE I SOLICITATION OPENING SOON
November 9, 2020 – January 8, 2021

Civilian Commercialization Readiness Pilot Program (CCRPP) Objective



Purpose: **Accelerating** the **near-term transition** of SBIR and STTR funded technologies to **infusion and/or commercialization**

- **Not** an incremental improvement in technology maturation alone



Who can apply for CCRPP?



Firms are eligible for the FY21 application period if they are proposing a CCRPP based on one of the below applicable prior Phase II scenarios:

- SBIR/STTR Phase II award(s) resulting from Phase I award(s) starting in Program Year 2010 or later and whose base Phase II period of performance is complete by December 7th, 2020.
 - If a firm has received a Phase II-E on the Phase II, NASA will not require completed performance of the ongoing option period.
- Ongoing or completed NASA SBIR/STTR Phase II Sequential awards from FY19 to present.
- Completed SBIR/STTR Phase II awards from other government agencies issued in fiscal years 2011 to present with a stated application pertinent to NASA's objectives.

Who can apply for CCRPP? (continued)



Additionally firms are eligible if they:

- Have not yet received a CCRPP or CRP award from any federal Agency for the Phase II technology associated with the Phase II award for which their CCRPP application is sourced
- Have secured an investor(s) willing to contribute matching funding to the maturation of the technology detailed in the application of research related to NASA interests. Investor(s) must be external to the NASA SBIR/STTR Program, which may include such entities as another company, a venture capital firm, an individual investor, a non-SBIR/non-STTR government program, or any combination of the above.
 - An external investor cannot include the owners of the small business, their family members, and/or "affiliates" of the small business, as defined in Title 13 of the Code of Federal Regulations (C.F.R.), Section 121.103.

Solicitation and Funding Specifics of CCRPP



Application Period	Anticipated Period Of Performance	Minimum Non-SBIR/STTR Funding Required	Corresponding SBIR/STTR Program Contribution
FY21 Application Period is from <u>October 26th, 2020</u> through <u>December 7th, 2020</u>	24 months as a general guideline	\$500,000	1:1 match to a maximum of \$3,000,000

When and How to Apply?



- FY 21 Application period:
 - Open on October 26th, 2020
 - Closes on December 7th, 2020
- Application Guidelines & Requirements:
 - Please see the CCRPP website for full details:
<https://sbir.nasa.gov/content/post-phase-ii-initiatives#CCRPP>
 - Investor(s) provided letters of commitment(s)
 - Technical Application including Commercialization Plan
 - Budget
 - Additional documentation, content, certifications, and information
 - Apply via the Submissions Electronic Handbook (EHB):
<https://sbir.gsfc.nasa.gov/submissions/login>

Investments



- Investments must be used to fund work that directly extends the work done in the Phase II.
- Commitment must be made prior to the award.
- However, the expenditure must be concurrent with the CCRPP performance.
- Federal Agency (including NASA Mission Directorates or Programs/Project) investors:
 - Must pay for activities that further the development and/or commercialization of the company's SBIR/STTR technology beyond the Phase II work (e.g., R&D, manufacturing, etc.)
- Non-Federal agency investors:
 - Must provide funding in return for such items as: equity, share of royalties, rights in the technology, percentage of profit, or any combination of the above
 - Funding associated with Phase II-E shall further the technology of the original SBIR Phase II contract

Investment Q&A



- The investment must occur between the CCRPP proposal package submission date and 45 days after the company's notification of selection, without constraints
- CCRPP applications can have more than 1 investor!
- If an investment is from a government agency (including NASA), those funds also need to be transferred to the firm and will be in a funding vehicle separate from the CCRPP contract
 - This can be done via a separate Phase III contract or a modification/new task on another existing non-SBIR/STTR contract
- A small business cannot contribute its own internal funds as part of the CCRPP investment
- Matching contribution must be in funds, regardless of source; in-kind contributions do not count
- A subcontractor will not qualify as an external investor

Investment Q&A (continued)



- Purchases will not be considered an investment, since a purchase may only represent a procurement need, not a desire to further the technology
- STTR-related CCRPP proposals: investments must be in the Small Business, not the University
 - The Small Business can then subcontract some of those funds to the University
- See Section 1.5 of the website for additional information and restrictions on investors; if you have questions about whether a particular company-investor relationship qualifies, please contact the NASA SBIR/STTR Help Desk at sbir@reisystems.com or (301) 937-0888.
- NASA Flight Opportunities is interested in potentially participating as a Post-Phase II investor, specifically for the use of suborbital flight testing to help advance development or commercialization of the technology, if appropriate to the technology development
 - <https://www.nasa.gov/directorates/spacetech/flightopportunities/opportunities/sbir-sttr-post-phase2>

Questions?



Visit our Website
www.SBIR.NASA.gov

Sign up for our Newsletter
<https://sbir.nasa.gov/info>

Contact the Helpdesk
301.937.0888